

Amendments to the Claims

Please amend the claims as set forth below. This listing of claims replaces the claims as now pending in this application:

1. (Previously presented) A laminated structure used for constructing walls, floors, or ceilings or doors comprising:

two external layers of a non-metallic material,
at least one internal non-honeycomb constraining layer, and
two or more internal layers of a viscoelastic glue separated by said at least one internal constraining layer.
2. (Previously presented) A laminated structure used for constructing walls, floors, or ceilings or doors comprising:

two external layers of a non-metallic material,
at least one internal constraining layer, and
two or more internal layers of a viscoelastic glue separated by said at least one internal constraining layer,
wherein the constraining layer comprises metal.
3. (Previously presented) The laminated structure as in Claim 1, wherein said two external layers comprise each a selected thickness gypsum board layer.
4. (Previously presented) The laminated structure as in Claim 3, wherein said glue comprises a viscoelastic material capable of absorbing sound.

MacPherson Klock Chen & Heid
LLP
1762 Technology Drive, Suite 226
San Jose, CA 95118
Telephone: (408) 372-9260
Facsimile: (408) 372-9262

5. (Previously presented) The laminated structure as in Claim 4, wherein said internal metal layer comprises a sheet metal layer of selected thickness.

6. (Previously presented) The laminated structure as in Claim 5, wherein said sheet metal layer of selected thickness comprises galvanized steel.

7. (Previously presented) A laminated structure comprising:
at least one internal layer of a selected material;
two internal layers of a viscoelastic glue, one such layer on each side of said internal layer; and
at least one additional layer of a non-metallic material on the other side of each internal layer of viscoelastic glue.

8. (Previously presented) The laminated structure as in claim 7 wherein said at least one additional layer comprises an external layer of a first sound absorbing material.

9. (Previously presented) The laminated structure as in claim 8 wherein said external layer of a first sound absorbing material comprises gypsum.

10. (Previously Presented) The laminated structure as in claim 8 wherein said at least one external layer comprises a plurality of layers of selected materials.

MacPherson Kwok Chen & Heid
LLP
1362 Technology Drive, Suite 226
San Jose, CA 95110
Telephone: (408) 392-9250
Facsimile: (408) 392-9262

11. (Previously Presented) The laminated structure as in claim 10 wherein said plurality of layers of selected materials comprise:

- a first layer of metal;
- a second layer of viscoelastic glue; and
- a third layer of selected material.

12. (Previously Presented) The laminated structure as in claim 11 wherein said third layer of selected material comprises gypsum.

13. (Previously Presented) The laminated structure as in claim 7 wherein said at least one internal layer comprises a metal layer.

14. (Previously Presented) The laminated structure as in claim 7 wherein said at least one internal layer comprises a cellulose material.

15. (Previously Presented) The laminated structure as in claim 7 wherein said at least one internal layer comprises a layer of a solid petroleum-based synthetic material selected from the group consisting of a vinyl, plastic composite, or rubber.

16. Canceled

MacPherson Kowitz Chen & Reid
LLP
1762 Technology Drive, Suite 226
San Jose, CA 95110
Telephone: (408) 392-9200
Facsimile: (408) 392-9202

17. Canceled

18. Canceled

19. Canceled

20. Canceled

21. Canceled

22. Canceled

23. Canceled

24. (Currently Amended) A laminated structure used for constructing walls,

floors, or ceilings or doors comprising:

two external layers of a non-metallic material,

at least one internal constraining layer, and

two or more internal layers of a viscoelastic glue separated by said at least one
internal constraining layer[.].

[[The laminated structure as in claim 1]] wherein the at least one internal
constraining layer [[comprises a cellulose material.]] is selected from the group
consisting of cellulose, wood, metal, plastic, vinyl, plastic composite and rubber.

MacPherson Knobbe, Chen & Hertz
LLP
1763 Technology Drive, Suite 226
San Jose, CA 95110
Telephone: (408) 372-0250
Facsimile: (408) 372-0267

25. (Currently Amended) The laminated structure as in claim 24 wherein said at

least one internal constraining layer [[cellulose material]] is wood.

26. (Currently Amended) The laminated structure as in claim [[1]] 24 wherein said at least one internal constraining layer is [[selected from the group consisting of]] cellulose[[, wood, metal, plastic, vinyl, plastic composite and rubber]].

27 to 39. Canceled

40. (Previously presented) A laminated, sound-absorbing structure which comprises:

a layer of first non-metallic material having two surfaces, one of said two surfaces comprising an outer surface;
a layer of viscoelastic glue on the other of said two surfaces; and
a layer of a second material over said viscoelastic glue.

41 (Previously Presented) A laminated, sound-absorbing structure as in claim 40 wherein said layer of second material is 1/10th to $\frac{1}{2}$ the thickness of the first material.

42. (Previously Presented) A laminated, sound-absorbing structure which comprises:

a layer of first non-metallic material having two surfaces, one of said two surfaces comprising an outer surface;
a layer of viscoelastic glue on the other of said two surfaces; and